

CLAIMS

1. A method for providing access to resources comprising the steps of:
 - 5 defining physical and/or logical parameters required for locating the desired resource;

reading resource-specific information from a resource-specifying source specifying a structure comprising said resource;
 - 10 generating hierarchical control information reflecting said structure; and

enabling access to a desired resource by calling a resource access performer with at least one of said parameters and evaluating said control information.
- 15 2. The method of claim 1 further comprising the step of:

automatically triggering a semantic evaluation of the contents of a resource desired to be updated when said resource is referenced in calling said resource access performer.
- 20 3. The method of claim 1 in which said resource-specifying source is an XML file.
4. The method of claim 1 in which said hierarchical control information is defined in a data modeling schema comprising simple data types and at least one composition method for recursively constructing complex data types.
- 25 5. The method of claim 4 in which said schema comprises relations between data stored in one or more of said resources.
6. The method of claim 1 in which said resources are shared between at least two different
30 operating systems.

7. The method of claim 1 further comprising the step of:

performing extended processing on said resources as defined in a Java class.

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8. A computer system having means for performing the steps of the method of claim 1.

9. A computer program for execution in a data processing system comprising computer program code portions for performing respective steps of the method of claim 1.

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10. The computer program of claim 9 comprising an application interface for triggering requests for resource data processing from an application and an architected interface for resource access.

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11. The computer program of claim 10 in which said interface comprises one or more calls to at least one resource access performer.

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12. A computer program product stored on a computer-usable medium comprising computer-readable program means for causing a computer to perform the method of claim 1.